ARMY MEDICINE
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US Army Patient Safety Center

Humpty Dumpty Fall Assessment Tool

Quality Management Division
HQ, US Army Medical Command
Fort Sam Houston, TX

1 June 2011

Background

- All patients regardless of age are at an increased risk for falling in a hospital setting. Fall and injury prevention continues to be a considerable challenge across the care continuum.
  - Injuries from falls are the 6th most commonly reported sentinel event
  - MEDCOM 2010 data revealed 599 inpatient falls; 69 falls resulted in harm

Purpose

- To standardize endorsed evidence based fall risk assessment tools across all Army Medical Treatment Facilities (MTFs) that provide inpatient nursing care in the Electronic Medical Record (Essentris).
  - In collaboration with the Patient Caring Touch initiative
  - Implementation of tools recommended by the Falls Working Group (Nov 2009) and purchased by the MEDCOM Patient Safety Center

Goal

- Decrease patient fall events and harmful injuries
- Decrease variation in assessment, interventions, procedures and documentation of falls risk and increase prevention of falls across Army MTFs.

The Humpty Dumpty Pediatric Fall Risk Assessment Tool

- Assesses seven parameters for an accumulative score.
- 3 tools available as part of tool kit
  - Inpatient
  - Outpatient
  - Emergency Department
- Parental Education in both English and Spanish
- Toolkits provided to each MTF PSM

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Humpty Dumpty Falls Assessment Tool (Inpatient)

This note is built with choice list exactly as in the paper form

Std Test 2 NOBED XXTEST,PATIENT 20-123-45-6789

Note Edit View

Note Time: 1345 30 Apr 2010 | Type: Std Test 2 | Topic: N/A
Last Store At: N/A | Last Stored By: (Created) | Mode: Edit

HUMPTY DUMPTY FALL ASSESSMENT TOOL

Parameter	Criteria	Score
AGE		
GENDER		
DIAGNOSIS		
COGNITIVE IMPAIRMENTS		
ENVIRONMENTAL FACTORS		
RESPONSE TO SURGERY/SEDATION/ANESTHESIA		
MEDICATION USAGE		
	Total Score	

- Less than 3 years old 4
- 3 to less than 7 years old 3
- 7 to less than 13 years old 2
- 13 years and above 1

A piped choice list is used so Essentris can calculate the total score. In the example, the value can be seen on the right side of the list (i.e. “Less than 3 years old” = 4 points)

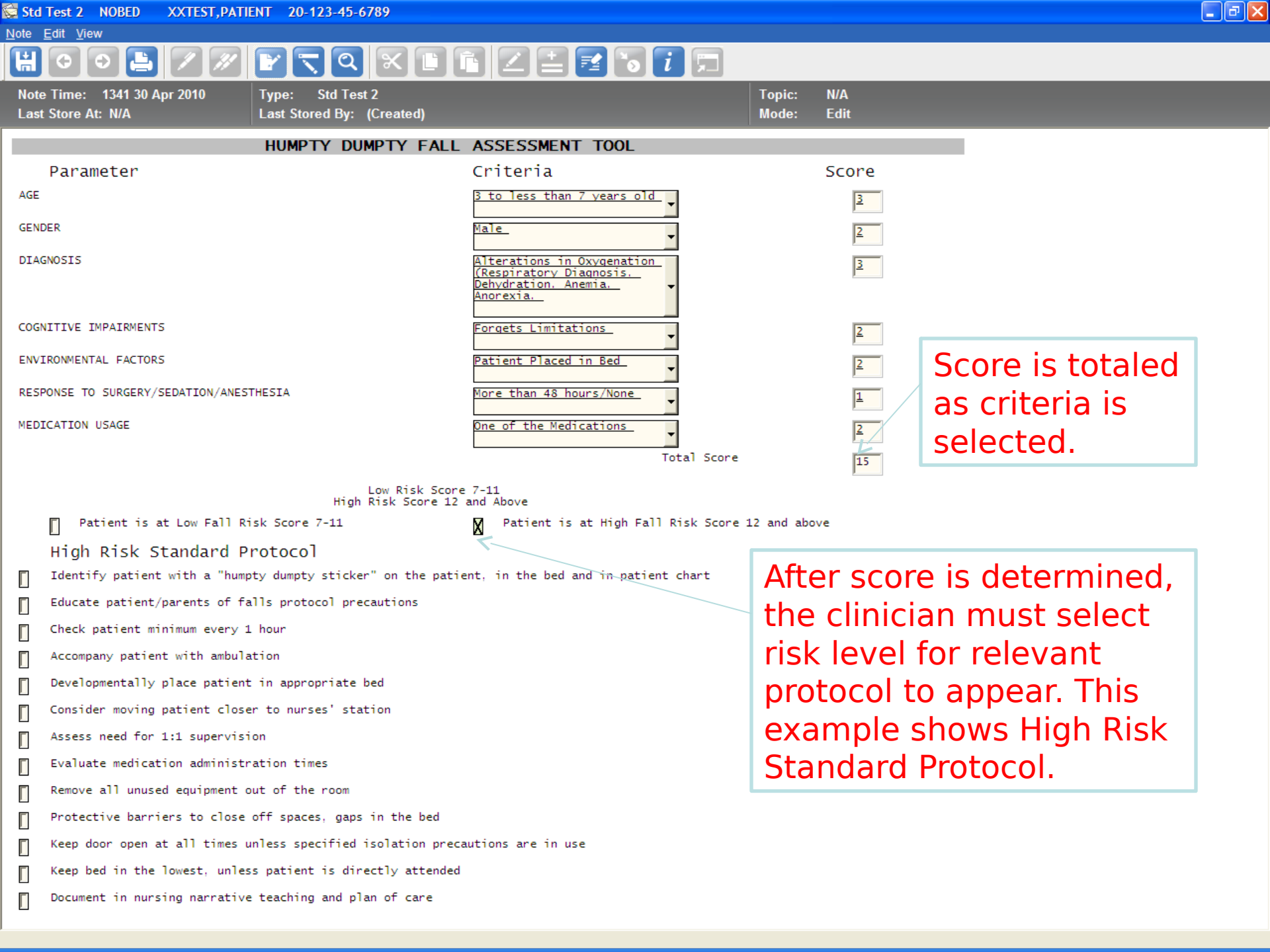
Low Risk Score 7-11
High Risk Score 12 and Above

☐ Patient is at Low Fall Risk Score 7-11

☐ Patient is at High Fall Risk Score 12 and above

Select risk category as appropriate

Now in Choicelist REPLACE Mode. Cannot switch to APPEND Modes because this is a MULTI-COLUMN choice list.


Std Test 2 NOBED XXTEST,PATIENT 20-123-45-6789
Note Edit View
Note Time: 1341 30 Apr 2010
Last Store At: N/A
Type: Std Test 2
Last Stored By: (Created)
Topic: N/A
Mode: Edit
HUMPTY DUMPTY FALL ASSESSMENT TOOL
Parameter
Criteria
Score
AGE
3 to less than 7 years old
3
GENDER
Male
2
DIAGNOSIS
Alterations in Oxygenation (Respiratory Diagnosis, Dehydration, Anemia, Anorexia,
3
COGNITIVE IMPAIRMENTS
Forgets Limitations
2
ENVIRONMENTAL FACTORS
Patient Placed in Bed
2
RESPONSE TO SURGERY/SEDATION/ANESTHESIA
More than 48 hours/None
1
MEDICATION USAGE
One of the Medications
2
Total Score
15
Low Risk Score 7-11
High Risk Score 12 and Above
Patient is at Low Fall Risk Score 7-11
Patient is at High Fall Risk Score 12 and above
High Risk Standard Protocol
Identify patient with a "humpty dumpty sticker" on the patient, in the bed and in patient chart
Educate patient/parents of falls protocol precautions
Check patient minimum every 1 hour
Accompany patient with ambulation
Developmentally place patient in appropriate bed
Consider moving patient closer to nurses' station
Assess need for 1:1 supervision
Evaluate medication administration times
Remove all unused equipment out of the room
Protective barriers to close off spaces, gaps in the bed
Keep door open at all times unless specified isolation precautions are in use
Keep bed in the lowest, unless patient is directly attended
Document in nursing narrative teaching and plan of care
Score is totaled as criteria is selected.
After score is determined, the clinician must select risk level for relevant protocol to appear. This example shows High Risk Standard Protocol.

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HUMPTY DUMPTY FALL ASSESSMENT TOOL

Parameter	Criteria	Score
AGE	13 years and above	1
GENDER	Female	1
DIAGNOSIS	Other Diagnosis	1
COGNITIVE IMPAIRMENTS	Oriented to own ability	1
ENVIRONMENTAL FACTORS	Patient Placed in Bed	2
RESPONSE TO SURGERY/SEDATION/ANESTHESIA	Within 48 hours	2
MEDICATION USAGE	Other Medications/None	1
	Total Score	9

Low Risk Score 7-11
High Risk Score 12 and Above

[X] Patient is at Low Fall Risk Score 7-11

[ ] Patient is at High Fall Risk Score 12 and above

Low Risk Standard Protocol

- [ ] Orientation to room
- [ ] Bed in low position, brakes on
- [ ] Side rails x 2 or 4 up, assess large gaps, such that a patient could get extremity or other body part entrapped, safety procedures
- [ ] Use of non-skid foodwear for ambulating patients, use of appropriate size clothing to prevent risk of tripping
- [ ] Assess eliminations need, assist as needed
- [ ] Call light is with in reach, educate patient/family on its functionality
- [ ] Environment clear of unused equipment, furniture's in place, clear of hazards
- [ ] Assess for adequate lighting, leave nightlight on
- [ ] Patient and family education available to parents and patient
- [ ] Document fall prevention teaching and include in plan of care

This example shows Low Risk Standard Protocol.

Nursing Fall Prevention CPG

- In collaboration with the Patient Touch System of Care, the clinical practice guideline on nursing care to support this initiative can be found at: https://www.qmo.amedd.army.mil/NurseCPG/NurseCPG.html
- Additional tools to support fall prevention can be accessed through Mosby's On-line.